

**S.Y. B. SC. (COMPUTER SCIENCE) SEM –III (CBCS - 2016
COURSE) : WINTER - 2017
SUBJECT: 1) CLOUD COMPUTING-I**

Day : **Friday**
Date : **10/11/2017**

Time: **11.00 A.M. TO 02.00 PM**
Max. Marks: 60

W-2017-0725

N. B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Neat diagrams must be drawn **WHEREVER** necessary.
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Q.1 Answer any **TWO** of the following: **(12)**

- a) Explain security challenges in cloud computing in detail.
- b) Describe the virtualization for data center automation.
- c) Explain hybrid model of cloud computing deployment.

Q.2 Answer any **TWO** of the following: **(12)**

- a) Describe network-as-a-service with proper example.
- b) Illustrate the implementation of utility computing.
- c) Explain different characteristics of cloud computing.

Q.3 Answer any **TWO** of the following: **(12)**

- a) Explain public cloud model.
- b) Describe various benefits of cloud computing.
- c) Illustrate service oriented architecture used in cloud computing technologies.

Q.4 Answer any **THREE** of the following: **(12)**

- a) Describe the development of cloud computing.
- b) Explain the implementation of cloud in IT Industry.
- c) Illustrate implementation of platform-as-a-service (PAAS).
- d) Write a note on community model.

Q.5 Answer any **FOUR** of the following: **(12)**

- a) Define cloud computing? Explain infrastructure constraints in cloud computing.
- b) Write a note on software as a service (SAAS).
- c) Explain private cloud model.
- d) Write a note on grid computing.
- e) Describe Infrastructure as a Service in cloud computing.
- f) Describe types of network.

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